

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Jong-Won SEOK, et al.

Serial No.: New Application Group Art Unit: Not Yet Assigned

Filed: April 13, 2001 Examiner: Not Yet Assigned

Title: APPARATUS AND METHOD FOR WATERMARK EMBEDDING AND
DETECTION USING LINEAR PREDICTION ANALYSIS.

JC872 U.S. PRO
09/833702
04/13/01

#2
14-7-01

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents
Washington, DC 20231

April 13, 2001

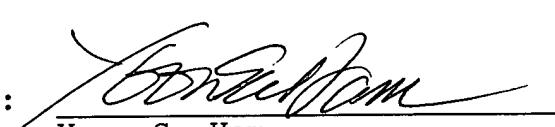
Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within three months of the date of entry into the national stage of the above-identified application as set forth in 37 CFR §1.491. Accordingly, no fee is required.

Respectfully submitted,
JACOBSON, PRICE, HOLMAN & STERN, PLLC

By:


Yoon S. Ham
Registration No. 45,307

400 Seventh Street, N.W.
Washington, DC 20004
(202) 638-6666
Atty. Dkt. No.: P66578US0
YSH:ecl

Information Disclosure Statements

U.S. Patent Application for APPARATUS AND METHOD FOR WATERMARK EMBEDDING AND DETECTION USING LINEAR PREDICTION ANALYSIS

Our Ref. No. P00EB044/US/js

Reference Nos. : US5473631, 5687191, 5915027, 5319735, 5613004, 5774452

Papers : (1) Prediction-Based Audio Watermark Detection Algorithm
(2) Robust audio watermarking using perceptual masking
(3) Electronic Marking and Identification Techniques to Discourage Document Copying
(4) Techniques for data hiding

JACOBSON, PRICE, HOLMAN & STERN, PLLC
 400 SEVENTH STREET, N.W.
 WASHINGTON, D.C. 20004-2201

Jc872 U.S. PTO

09/833702



04/13/01

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P66578US0 GROUP ART UNIT: Not Yet Assigned
 SERIAL NO.: New Application FILING DATE: April 13, 2001
 APPLICANT(S): Jong-Won SEOK, et al. TODAY'S DATE: April 13, 2001

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	INT'L CLASS	SUB- CLASS	FILING DATE (If Appropriate)
AA	<u>5,319,735</u>	<u>06/07/94</u>	<u>Preuss et al.</u>	<u>G10L</u>	<u>3/00</u>	<u>12/17/91</u>
AB	<u>5,379,345</u>	<u>01/03/95</u>	<u>Greenberg</u>	<u>H04L</u>	<u>9/00</u>	<u>01/29/93</u>
AC	<u>5,473,631</u>	<u>12/05/95</u>	<u>Moses</u>	<u>H04K</u>	<u>1/10</u>	<u>03/27/95</u>
AD	<u>5,613,004</u>	<u>03/18/97</u>	<u>Cooperman et al.</u>	<u>H04L</u>	<u>9/20</u>	<u>06/07/95</u>
AE	<u>5,687,191</u>	<u>11/11/97</u>	<u>Lee et al.</u>	<u>H04L</u>	<u>27/00</u>	<u>02/26/96</u>
AF	<u>5,774,452</u>	<u>06/30/98</u>	<u>Wolosewicz</u>	<u>H04H</u>	<u>5/00</u>	<u>03/14/95</u>
AG	<u>5,915,027</u>	<u>06/22/99</u>	<u>Cox et al.</u>	<u>H04L</u>	<u>9/02</u>	<u>11/05/96</u>

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	<u>Swanson et al.; Robust Audio Watermarking Using Perceptual Masking; Nov. 11, 1997; Signal Processing 66 (1998) Pages 337-355.</u>
AI	<u>Brassil et al.; Electronic Marking and Identification Techniques to Discourage Document Copying; IEEE Journal, Vol. 3, Pages 1495-1504; October 8, 1995.</u>
AJ	<u>Seok et al.; Prediction-Based Audio Watermark Detection Algorithm; 109th Audio Engineering Society Convention, September 22-25, 2000, Los Angeles, California.</u>
AK	<u>Bender et al.; Techniques for Data Hiding; IBM Systems Journal, Vol. 35, Nos. 3&4, Pages 313-336, 1996.</u>

EXAMINER	DATE CONSIDERED
----------	-----------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).